

California OES Weather Threat Briefing

Thursday, February 14, 2019
9:00 AM PST

Day 1: Severe impacts expected today across the Sierra, significant snow-loading issues on structures with rising snow levels and rain falling on snowpack. Minor flooding impacts and urban and small stream flooding will also be possible today. Slight chance of tornadoes in Sacramento and San Joaquin Valleys

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

02/14/19 - 02/20/19

Thursday-Saturday

- Wet and impactful storm occurring across much of the state
 - Travel will continue to be significantly impacted over the Sierra and mountains of northern California.
 - Snow levels will drop to near 2000 feet across northern CA, and 4000 to 5000 feet across southern CA tonight into Friday morning.
 - 2 to 5 feet of snow accumulation with locally up to 7 feet above 5000 feet in the Sierra
 - A few inches of snow accumulation over the Grapevine on Interstate 5 late Friday night and early Saturday
 - Heavy rain may cause flooding and flash flooding
 - Central coast, Sacramento and San Joaquin Valleys, the Sierra foothills and portions of southern CA.
 - Recent burn scars may also be impacted
 - Northern Coastal Areas – 2.50-5.50 inches
 - Sacramento Valley – 0.50-1.00 inches
 - Central Coastal Areas – 0.50-1.50 inches
 - Southern California Coastal Areas – 1.00-3.00 inches
 - Southern California Coastal Slopes/Mountains – 3.50-7.00 inches
 - Sierra – 3.00-7.00 inches (liquid equivalent)
 - Widespread precipitation will taper off behind the front, however the threat of thunderstorms increases late morning into the afternoon in the **Sacramento Valley** and **San Joaquin Valley**.
 - Heavy rainfall rates, small hail and strong winds are the primary threat. However, there is the potential for a few funnel clouds or perhaps a weak tornado in the Sacramento Valley.
 - Across extreme southern coastal CA, isolated thunder will remain a possibility into the early afternoon but stronger storms remain further north.
 - Significant rises in creeks and streams will result in areas of urban and small stream flooding across the state
 - Minor main stream river flooding likely in the Sacramento Valley and possible along the Central and far Southern Coastal areas
 - Gusty south and southeast winds will continue to increase threats for downed trees and power outages
- Another round of rain and mountain snow across the state.
 - Periods of travel impacts will likely continue over the Sierra and northern CA mountains.
 - Although only a few inches of snow accumulation is expected it could reach the Grapevine on Interstate 5 late Friday night and early Saturday
 - No flooding concerns expected.

Monday-Tuesday

- Dry conditions across the state with no significant impacts



CALIFORNIA WEATHER IMPACTS

02/14/19 - 02/20/19

<u>Hazards / Day</u>	THU	FRI	SAT	SUN	MON	TUE	WED
Non-Thunderstorm Damaging Winds	All Regions						
Snow	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland			
Coastal Flooding							
River Flooding	Inland/ Coastal						
Thunderstorms (Wind / Hail / Tornadoes)	Inland						
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	All Regions						
Extreme Cold							



No Impacts



Minimal Impacts



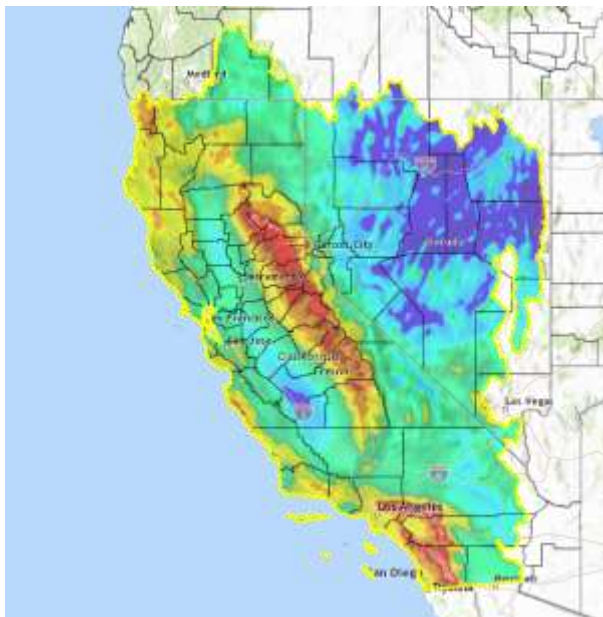
Moderate Impacts



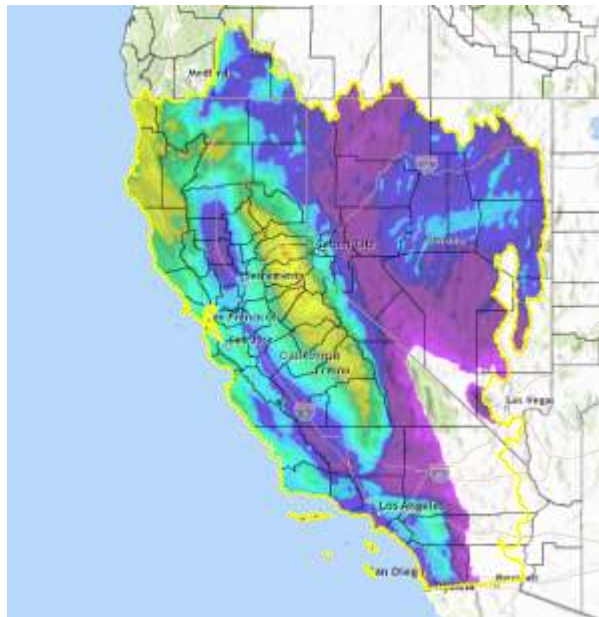
Severe Impacts

PRECIPITATION FORECAST

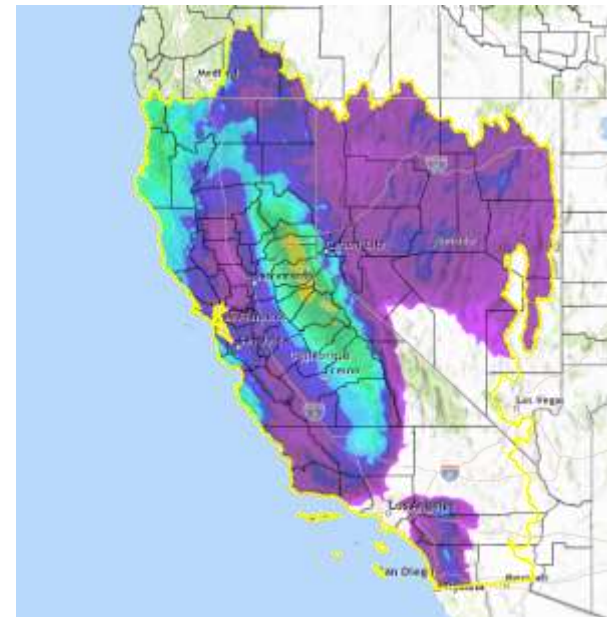
02/14/19 - 02/20/19



Thursday



Friday

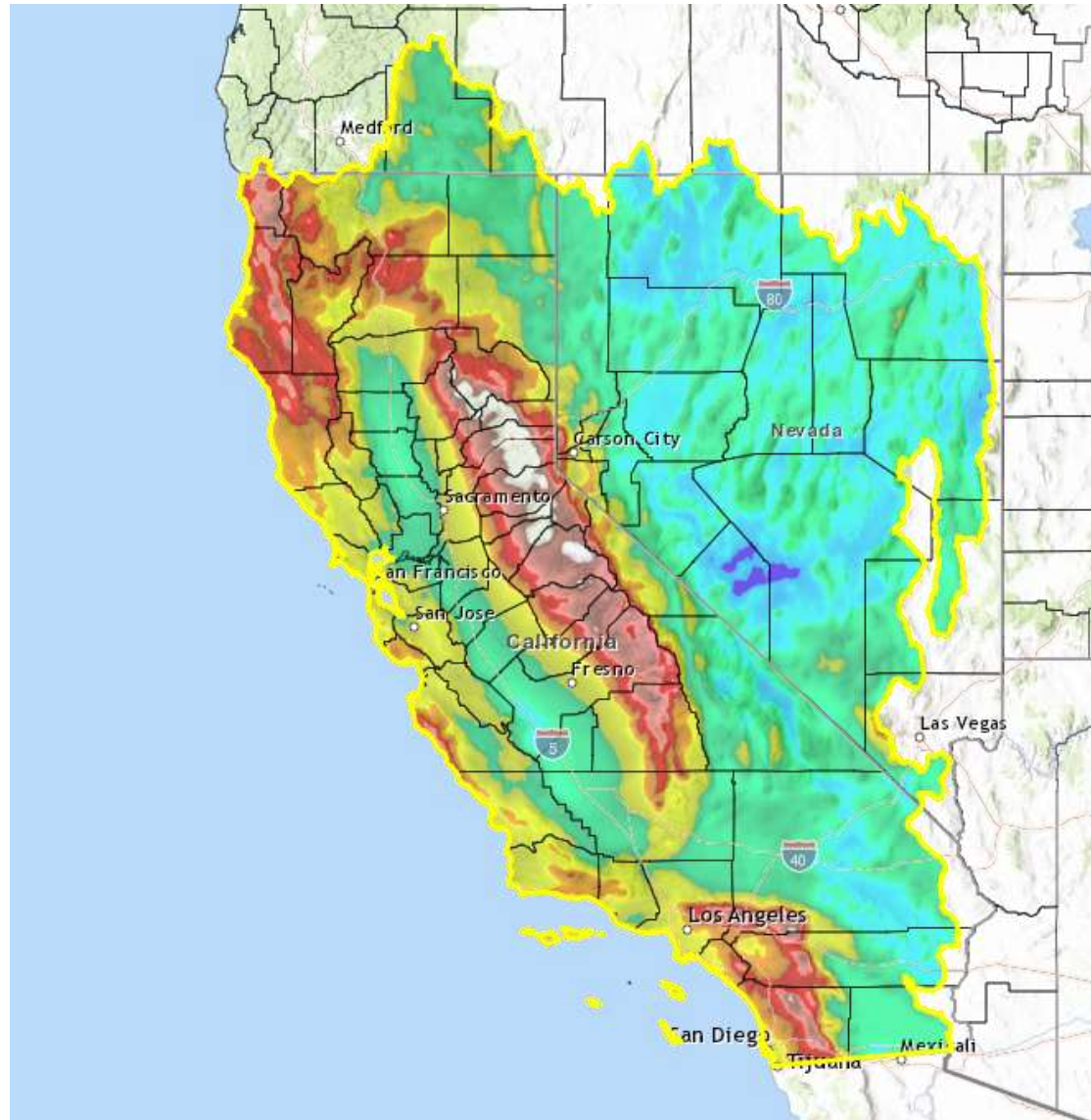


Saturday

Precipitation (inches)



PRECIPITATION FORECAST



Precipitation (inches)



WEATHER OUTLOOK

02/18/19 - 02/26/19

6-10 Day Outlook (Feb 19 – Feb 23)

Temperatures

- Moderate to high confidence for below average temperatures statewide

Precipitation

- Below normal precipitation favored slightly in the north and central coast, with above normal favored in southeast deserts.

8-14 Day Outlook (Feb 21 – Feb 27)

Temperatures

- Moderate to high confidence for below average temperatures statewide

Precipitation

- Below normal precipitation favored slightly in the north and central coast, with above normal favored in southeast deserts.



Information provided by:

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